Chemistry

Solubility Reading Guide

Pages 481-483

Look at the words below; these words have relationships with all the other words in the group. Circle the words you know and underline the words you are unsure about. Then, predict what the author will tell you when you read the textbook passages.

Topic: Colligative Properties

physical property salt icy sidewalk freezing boiling

particles dissolve nonvolatile concentration vapor pressure

Prediction: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Read the text.

Go back and look at the words you underlined. Did you learn anything about these words? What understanding do you have of them now and how they relate to the rest of the words? For each underlined word you have, write out what you think that words means in the space below.

Create a concept map using the 10 words given to you.

Do you get it? Create a true sentence for each of the word pairs below.

1. Icy sidewalk, particles
2. vapor pressure, boiling
3. nonvolatile, concentration